

Remarks

Claims 1-4 have been amended and remain for the Examiner's further consideration.

Claims 2 and 4 were rejected as being indefinite because of the phrase "such as". This phrase has been removed and/or replaced to avoid the rejection based on indefiniteness.

Claims 1 and 3 were rejected as anticipated by Gray (543960) and claims 2 and 4 were rejected as unpatentable over Gray.

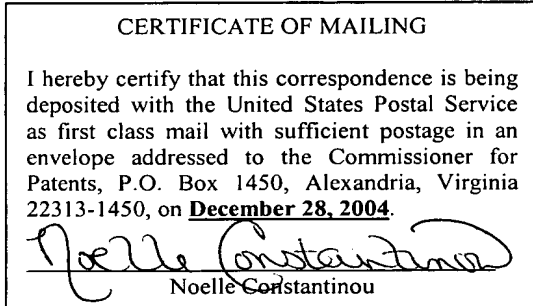
Gray discloses an electric wire comprising a conductive portion made of an electrically conductive material and two spiral grooves on a surface of the conductive portion. Claim 1 has been amended to change "voids" to --tube holes-- so as to read "a predetermined amount of tube holes, being provided in the vicinity of the surface of the conductive portion along lengthwise of the conductive portion". Gray fails to teach or suggest tube holes as shown in applicant's figure 5 in the vicinity of the surface of the conductive portion (under the surface as shown in figure 5).

Referring to paragraph 0059 on page 11 of applicant's specification, the surface area of the conductive portion 1 in figure 5 is increased so as to be larger than the surface area of the prior art electric wire shown in figure 12 and the skin effect is increased and the space factor of the conductive portion 1 is increased. Accordingly current density flowing in the surface area 1a of the conductive portion 1 is increased. The current transmissibility is enhanced remarkably when the frequency of the current flowing in the conductive portion 1 is increased.

For the foregoing reasons, claim 1 is believed to distinguish patentably over Gray. Claims 2-4 depend from claim 1 and should be allowable along with claim 1. It is noted that Gray does not specifically disclose the conductive portion as being copper.

In view of the foregoing, this application is believed to be in condition for allowance and such action is most respectfully requested.

The Commissioner is hereby authorized to charge any fees or credit any overpayment in connection with this communication to our Deposit Account No. 50-0852. A duplicate copy of this sheet is enclosed.



Respectfully submitted,

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